

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number  
WO 2005/098447 A2

(51) International Patent Classification<sup>7</sup>: G01N 33/574

(74) Agent: CORLESS, Peter, F.; Edwards & Angell LLP, P.O. Box 55874, Boston, MA 02205 (US).

(21) International Application Number:

PCT/US2005/010783

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 31 March 2005 (31.03.2005)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/558,422 31 March 2004 (31.03.2004) US  
60/632,474 1 December 2004 (01.12.2004) US

(71) Applicants (for all designated States except US): THE JOHNS HOPKINS UNIVERSITY [US/US]; 3400 N. Charles Street, Baltimore, MD 21218 (US). CIPHER-GEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CHAN, Daniel, W. [US/US]; 12925 Wexford Park, Clarksville, MD 21029 (US). ZHANG, Zhen [CN/US]; 14104 Big Branch Drive, Dayton, MD 21036 (US). FUNG, Eric [US/US]; 440 Whisman Park Drive, Mountain View, CA 94043 (US).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/098447 A2

(54) Title: BIOMARKERS FOR OVARIAN CANCER

(57) Abstract: The present invention relates to a method of qualifying ovarian cancer status in a subject comprising: (a) measuring at least one biomarker in a sample from the subject and (b) correlating the measurement with ovarian cancer status. The invention further relates to kits for qualifying ovarian cancer status in a subject.